



GARY R. HERBERT  
Governor  
GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

### Division of Oil, Gas & Mining

MICHAEL R. STYLER  
Executive Director

JOHN R. BAZA  
Division Director

### Inspection Report Minerals Regulatory Program June 17, 2013

Reviewed: PBB

|  |                                       |
|--|---------------------------------------|
| <b>Mine Name:</b> Reef Mine                                    | <b>Permit Number:</b> S/015/0094      |
| <b>Operator Name:</b> Castle Valley Stone                      | <b>Inspection Date:</b> June 11, 2013 |
| <b>Inspector(s):</b> Wayne Western, Mike Bradely               | <b>Time:</b> 12:25 – 1:15 pm          |
| <b>Other Participants:</b> none                                | <b>Mine Status:</b> ACT               |
| <b>Weather Condition:</b> Clear sky 77 degrees                 | <b>Last Inspection:</b> June 18, 2013 |
| <b>Bond Renewal Date:</b> August 3, 2012                       | <b>Bond Amount:</b> \$25,200.00       |
| <b>Surface Ownership:</b> SITLA                                | <b>Mineral Ownership:</b> SITLA       |
| <b>Last Year of Production:</b> 2011 annual report for 2012 NA | <b>Acreage:</b> 5 acres               |

| Elements of Inspection  | Evaluated                           | Comment                             | Enforcement              |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 1. Permits, Revisions, Transfer,  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Bond/Bond Release  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Annual Fees  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 4. Annual Report  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Public Safety (shafts, adits, trash, signs, highwalls)                       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 6. Protection of Drainages / Erosion Control                                    | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 7. Deleterious Material   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 8. Roads (maintenance, surfacing, dust control, safety)                         | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 9. Concurrent Reclamation   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 10. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes) | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 11. Water Impoundments  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 12. Soils   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 13. Re-vegetation   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 14. Air Quality   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 15. Other   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |

#### Purpose of Inspection:

To determine the disturbed area.

#### Inspection Summary:

The Division measured the disturbed area and determined that the disturbed areas was 25.6 acres. The site is permitted for 5 acres. The Division will issue a cessation order until the issues have been resolved.

The site was active. See photos. The Operator was using trackhoes, loaders and a rock splitter. Some workers were using hand tools to dress stones.

Overburden was placed in drainages along the edge of the disturbed areas.



The annual report for 2012 was not submitted.

The bond is inadequate to reclaim the site in case of a forfeiture.

**Conclusions and Recommendations:**

The Division will issue a cessation order until the issue of mining outside the permit boundary has been resolved.

**Directions to Site:**

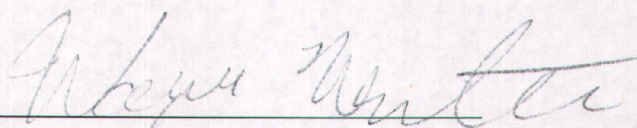
**Inspector's Signature** \_\_\_\_\_

WHW:

cc: (OPERATOR)

John Blake, SITLA

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A handwritten signature in cursive script, appearing to read "Wayne Witter", is written over a horizontal line.





Stockpiles and loading area.



Working areas and storage





Waste material pushed into drainage



Working areas